



CLAIMS

Claims 1-11. (Cancelled)

12. (Currently Amended) A head for ink-jet printer ~~according to claim 1~~, comprising:  
a silicon substrate on which a plurality of ink nozzles and a plurality of ink passages each  
communicating separately to each of the ink nozzles are processed finely using a plasma etching  
method;

an inorganic substrate which is joined with said silicon substrate and is provided with ink  
chambers each communicating separately to each of the ink passages; and

a piezoelectric element of ferroelectric substance for changing separately a capacity of  
each of the ink chambers to jet an ink from said ink nozzles through said ink passages;

wherein said ink passages are fine as compared with said ink chambers and said ink  
nozzles are fine as compared with said ink passages, and

wherein said inorganic substrate has a common ink supply port for supplying ink to said plurality  
of ink passages at a portion on a surface of said inorganic substrate between a plurality of said  
piezoelectric elements; and

wherein a pitch of the ink nozzles is approximately 20  $\mu\text{m}$ .